

**PERMIT APPLICATION:** NRS 03.340

**APPLICANT:** Jack W. Hobbs  
400 Hobbs Lane  
McEwen, TN 37101  
931-296-5025

**LOCATION:** Big Richland Creek in Humphreys County, 36° 08' 50", 87° 43' 25".

**WATERSHED DESCRIPTION:** Big Richland Creek at this location is a large order stream. Typical of streams found in the highland rim, Big Richland Creek has good groundwater charged base flow with diverse and sensitive stream ecology. It is listed as fully supporting from the mouth to the headwaters.

**PROJECT DESCRIPTION:** The proposed work involves relocation of the flow channel for about 400 feet. The stated purpose of the work is to control erosion of the outside of the bend. The applicant states that this segment of channel has been actively eroding since about 1987. The channel into which the stream would be re-routed is a relict channel with mature mixed hardwoods on one side and the other side contains earlier succession woody growth of sycamore and willow. The applicant would use available large cedar and hardwood trees with the root wads attached to form a dike across the existing channel to divert flow into the new channel. Gravel and debris resulting from opening the new channel would be used to cover the diversion dike.

**PERMIT COORDINATOR:** Robby Baker

**USGS TOPOGRAPHIC QUADRANGLE:** Woolworth







Vicinity Map



